

# 2023-2026 TIP Amendment #3

MPO Transportation Advisory Committee Meeting  
10/26/2023



# TIP Amendment #3: Overview

- 2023-2026 Transportation Improvement Program (TIP) and State Transportation Improvement Program (STIP)
- 9 Regional Projects
- 11 Statewide projects for RPC to consider
- A Public Comment Period begins October 27, 2023 and concludes on November 7, 2023.
  - No comments received to date
- A Public Hearing will be held on November 8, 2023 at the MPO Policy Committee meeting

# Projects being added to the TIP

Project #	Scope	TIP Cost Change	Total Project Cost Change	Reason for Change
EXETER 44410	Address condition of bridge carrying NH 108 over Exeter River (Br. No. 089/045)	\$741,455	\$9,101,246	NEW PROJECT IN STIP/TIP
HAMPTON 41584	NH 101/ US 1 interchange reconfiguration	\$440,000	\$8,114,732	NEW PROJECT IN STIP/TIP
NORTH HAMPTON-RYE 42312A	Reconstruction of revetment sea walls	\$12,794,506	\$12,794,506	NEW PROJECT IN STIP/TIP
NORTH HAMPTON-RYE 42312B	Reconstruction of revetment sea walls	\$561,880	\$20,077,139	NEW PROJECT IN STIP/TIP
PORTSMOUH 44411	Address condition of bridge carrying NH 33 over PAR (Br. No. 144/115)	\$285,175	\$3,738,644	NEW PROJECT IN STIP/TIP

# Projects being added to the TIP

Project #	Scope	TIP Cost Change	Total Project Cost Change	Reason for Change
PROGRAM TRAFMON	TRAFMON Parent programmatic	\$6,000,000	\$24,000,000	NEW PROJECT IN STIP/TIP
RYE 43002	Replacement of 4 ft x 5.5 ft stone walled, concrete deck culvert just north of Locke Rd.	\$1,434,983	\$1,744,261	NEW PROJECT IN STIP/TIP
STATEWIDE 44491	Coastal hydraulic design manual supplement	\$200,000	\$200,000	NEW PROJECT IN STIP/TIP
STATEWIDE 4R PROJECTS 44518	4R Pavement Rehab/Reconstruct on the NHS	\$1,242,051	\$210,215,152	NEW PROJECT IN STIP/TIP

# Electric Vehicle Programs

Project #	Scope	TIP Cost Change	Total Project Cost Change	
NEVI PROGRAM CHARGING 44093	Administer NEVI funds to develop direct current fast charging stations along AFCs	(\$7,574,012)	(\$7,574,012)	BEING REMOVED FROM STIP/TIP
PROGRAM EV_INFRA	Electric Vehicle Infrastructure Program	\$13,840,000	\$17,300,000	NEW PROJECT IN STIP/TIP

# FTA Program Changes

Project #	Scope	TIP Cost Change	Total Project Cost Change	Reason for Change
FTA5307	Boston Urbanized Area (UZA) FTA Section 5307 apportioned funds for NHDOT transit projects.	(\$28,153,897)	(\$14,521,645)	Project is showing NHDOT programmed projects only
FTA5310	Capital, Mobility Mgmt, and Operating for Seniors & Individuals w/ Disabilities - FTA 5310 Program	\$3,719,004	\$28,267,289	Funding adjusted to match FTA Program allocations
FTA5339	Capital bus and bus facilities - FTA 5339 Program for statewide public transportation.	\$7,946,465	\$11,658,569	Funding adjusted to match FTA Program allocations
STBG-FTA	Funds transferred from STBG to FTA to supplement public/human services transportation statewide.	(\$3,612,500)	\$16,387,500	Funding adjusted to match planned amounts transferred from STBG to FTA

# Projects with Funding/Schedule Changes

Project #	Scope	TIP Cost Change	Total Project Cost Change	Reason for Change
PORTSMOUTH 20258	Const. new sidewalk and striped bicycle shoulders and associated drainage along Peverly Hill Road.	\$5,701,509	\$5,701,509	Increased funds to support planned project needs and moved to align with project schedule
PORTSMOUTH 29640	US 1 traffic ops imprvs from Constitution Av to Wilson Rd & from Ocean Rd to White Cedar(~1.7m)	(\$5,275,321)	\$399,270	Moved funds to align with project schedule
PROGRAM FLAP	Impr. transportation facilities that access Federal Lands {FLAP} (Application to EFL required)	\$393,000	\$1,313,800	Increased funds to support planned child project needs & moved to align with project schedule
PROGRAM TAP	TRANSPORTATION ALTERNATIVES PROGRAM (TAP)	\$11,624,360	\$40,109,882	Increased funds to support planned child project needs and moved to align with current schedule
SALEM 42884	Improve signal operation at 28 intersections to identify hardware and software upgrades needed.	\$1,395,000	(\$70,120)	Increased funds to support planned project needs and moved to align with current schedule

# Fiscal Constraint & Air Quality

- Air Quality Conformity is not needed as we have been in Attainment since 2013 and can rely on previous analysis
- Fiscal Constraint is maintained.
  - Net funding change in TIP: +\$23,703,659
  - Net funding change all years: +\$388,957,722

# Comments and Recommendation

- Comments/Questions?
- Recommend that TAC endorse the changes included in TIP Amendment #3 and forward to the MPO Policy Committee for approval as presented.



# Overview

- FHWA issued a final rule effective 1/8/2024
- New performance measure for measuring the change in tailpipe CO<sub>2</sub> emissions compared to 2022

**Percent change in tailpipe carbon dioxide (CO<sub>2</sub>) emissions on the NHS compared to 2022**

# What changed?

Performance Area	Performance Measure
<b>Safety</b>	<ul style="list-style-type: none"> <li>• Number of fatalities</li> <li>• Rate of fatalities per 100 million vehicle miles traveled (VMT)</li> <li>• Number of serious injuries</li> <li>• Rate of serious injuries per 100 million vehicle miles traveled</li> <li>• Number of non-motorized fatalities and non-motorized serious injuries</li> </ul>
<b>Pavement Condition</b>	<ul style="list-style-type: none"> <li>• Percentage of pavements of the Interstate System in Good condition</li> <li>• Percentage of pavements of the Interstate System in Poor condition</li> <li>• Percentage of pavements of the non-Interstate National Highway System (NHS) in Good condition</li> <li>• Percentage of pavements of the non-Interstate NHS in Poor condition</li> </ul>
<b>Bridge Condition</b>	<ul style="list-style-type: none"> <li>• Percentage of NHS bridges classified as in Good condition</li> <li>• Percentage of NHS bridges classified as in Poor condition</li> </ul>
<b>System Performance</b>	<ul style="list-style-type: none"> <li>• Percent of person-miles traveled on the Interstate that are reliable</li> <li>• Percent of person-miles traveled on the non-Interstate NHS that are reliable</li> <li>• <b>NEW: Percent change in tailpipe carbon dioxide (CO<sub>2</sub>) emissions on the NHS compared to the reference year – (calendar year 2022)</b></li> </ul>
<b>Freight Movement</b>	<ul style="list-style-type: none"> <li>• Truck Travel Time Reliability (TTTR) Index</li> </ul>
<b>Traffic Congestion</b>	<ul style="list-style-type: none"> <li>• Annual Hours of Peak Hour Excessive Delay (PHED) Per Capita</li> <li>• Percent of Non-Single Occupancy Vehicle (SOV) Travel</li> </ul>
<b>On-Road Mobile Source</b>	<ul style="list-style-type: none"> <li>• Total Emission Reductions for applicable criteria pollutants</li> </ul>

# RECOMMENDED PROJECTS

Portsmouth 44225 (Page 167 of Ten Year Plan)  
Engineering Study to update the (circa 2000) Portsmouth  
Circle Feasibility Study

**\$1,100,000 Preliminary Engineering (2029)**

Hampton 44226 (Page 78 of Ten Year Plan)  
Ashworth Avenue Bike and Pedestrian Improvements

**\$683,967 Preliminary Engineering (2030)**

**\$294,207 Right of Way (2032)**

**\$5,916,323 Construction (2034)**

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**\$6,894,497 Total**

RPC supports including of all of the eligible CMAQ projects  
listed in the August GACIT CMAQ Report in the Ten Year Plan



# Four Hearings in the RPC Region:

- Salem – less than 5 attendees
- Kingston – approximately 30 attendees
- Greenland – over 75 attendees
- Hampstead – approximately 25 attendees
- ~~Seabrook - CANCELLED~~

# What Attendees Supported:

- Safety improvements at NH 125/South Road intersection
- Raising New Castle Causeway
- NH 33 Corridor Study & Improvements at Bayside/Winnicut Rd
- Depot Road/NH 121 intersection in Hampstead
- Seabrook-Hampton NH 1A Bridge
- East Coast Greenway Rail Trail
- Revetment walls in Rye and North Hampton
- Ocean Blvd improvements in Hampton
- Portsmouth Soundwalls
- Addressing traffic/safety at the Portsmouth Circle
- Winnicunnet Road Bike/Ped improvements in Hampton
- Expanded state support for Public Transportation
- New Castle-Rye Bridge replacement
- New Castle-Rye NH 1A/1B bike/ped improvements
- Advancing Seabrook US 1 improvements to coordinate with a proposed commercial development

# What Attendees Supported:

- Investing in EV Charging infrastructure
- Expanding Community Transportation systems
- Expanding elder/disabled transportation
- Expanding access to the transportation system
- Connecting trail systems
- Safer and separate bicycle and pedestrian facilities
- Addressing speeding vehicles
- Coastal resilience
- Truck stop electrification
- Better land use/transportation coordination
- Long-term solution to transportation funding issues
- Additional Park & Rides

# TAC Revitalization Update

MPO Policy Committee

11/8/2023



# What's the Concern?

- Unfilled seats
- Meeting attendance
- Quorum implications
- Potential imbalance in programming

# TAC Voting Membership

Atkinson	Hampton	North Hampton	Stratham
Brentwood	Hampton Falls	Plaistow	COAST
East Kingston	Kensington	Portsmouth	MTA/CART
Epping	Kingston	Raymond	NHDOT Planning Bureau
Exeter	New Castle	Rye	NHDOT District VI
Fremont	Newfields	Sandown	NHDES Air Resources Division
Greenland	Newington	Seabrook	Pease Development Authority
Hampstead	Newton	South Hampton	Rockingham Planning Commission
			UNH Wildcat Transit

# TAC Non-Voting Membership

Non-Member Municipalities

Federal Highway Administration (FHWA)

Federal Transit Administration (FTA)

Federal Aviation Administration

Federal Railroad Administration

NHDOT – Aeronautics Division

NHDOT – Bureau of Rail and Transit

Strafford Regional Planning Commission

Nashua Regional Planning Commission

Southern New Hampshire Planning Commission

Intercity Bus Operator – I-95 Corridor

Intercity Bus Operator – I-93 Corridor

Pan Am Railways

Southern Maine Planning and Devt Commission

Merrimack Valley Planning Commission

Maine Department of Transportation

Massachusetts Department of Transportation

New Hampshire Office of Energy and Planning

# Open/Inactive Seats

- **3 of 25** towns with voting seats have no appointee
- **11 of 25** towns with voting seats have an appointee but haven't attended in 2022 or 2023
- **3 of 8** agency member with voting seats haven't attended in 2022 or 2023

# Quorum and Remote Meetings

- TAC Bylaws provide for quorum of 1/3 of appointed voting members
- RSA 91A requires quorum be physically present in room
- Difficulty transitioning from COVID-era remote meetings

# Approaches for Improving TAC Participation

- Outreach to member towns to update appointees
- Encouragement to attend in person
- Revisit standing meeting time/date/location
- Provide food – muffins/coffee, pizza lunch
- Add outside speakers on requested topics

# Potential speaker topics

- Connected and autonomous vehicles
- Speed management/traffic calming
- Legislative updates
- Innovative projects in other regions
- Local initiative updates/roundtables
- PROWAG (new ADA accessibility guidelines)
- ITS/Traffic management